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ABSTRACT

The invention concerns radiation image processing
apparatus and cassettes for storing a radiation image.
The apparatus includes a pixel-value analyzing section to
analyze a pixel-value within a step pattern of a wedge area
in which a density varies step by step, wherein the radiation
image includes the wedge area; and a suspicious region
analyzing section to detect a candidate of a suspicious
region by using information outputted from the pixel-value
analyzing section. Further, the suspicious region analyzing
section includes a gradation-adjusting section to adjust a
gradation of the radiation image on the basis of information,
pertaining to the pixel-value, outputted by the pixel-value
analyzing section. In addition, the suspicious region
analyzing section also includes a parameter-adjusting section
to adjust a parameter for detecting the candidate of the
suspicious region on the basis of information, pertaining to
the pixel-value, outputted by the pixel-value analyzing
section.